

Split System Submittal Data

System: 36THW72R Indoor/Outdoor: THW3672R/CH3672R
Ceiling Suspended Heat Pump

SANYO

Building Life.

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

General Data (at 230V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	15-35 Indoor-Outdoor
Fuse Size, Max.	(A)	15-35 Indoor-Outdoor

Compressor		DC Rotary Inverter
No. used		1
R.L. Amps - L.R.	(A)	16.4-17.5
Crankcase Heater	(W)	-

Outdoor Unit

Fan type		Propeller
Dia. (in.) - No. Speeds		18-7/64-1
Type Drive - No. Speeds		DC Motor
No. Poles	(RPM)	8 - 830
No. Motors	(W)	1 - 90
CFM	(High)	1942
F.L. Amps	(A)	17.3

Coil Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Slit Plate - Inner Riffled
Rows - F.P.I.		2-14.1
Face Area	(sq.ft.)	7.26
Tube Size	(in.)	3/8"

Indoor Unit

Fan type		Centrifugal
Dia. & Length (in.) - No. Speeds		5-29/32 - 4
No. Speeds		3 & Auto
No. Poles	(RPM, High)	4 - 1040
No. Motors	(W)	1 - 100
CFM	(Hi/Med/Low)	1100/930/750
Indoor Sound Rating	(Hi) (dB-A)	42
F.L. Amps	(A)	0.8

Coil Type		Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type		Slit Plate - Inner Riffled
Rows - F.P.I.		3 - 14.9
Face Area	(sq.ft.)	3.51
Tube Size	(in.)	9/32"
Drain Connection Size	(in.)	(1-3/128)"



Refrigerant		R410A
Lbs. - R410a (outdoor unit)		6.17
Control		Electric Expansion Valve
Connection		Flare
Line Length, Max (ft.)		165
Lift Difference, Max (ft.)		50 (outdoor lower), 100 (outdoor higher)
Line Size	(in. O.D. Discharge)	3/8"
Line Size	(in. O.D. Suction)	5/8"

Dimensions

	(in.)	H x W x D
Indoor Unit	(Uncrated)	9-7/16 x 62-1/32 x 26-3/8
	(Crated)	12-15/32 x 66-1/16 x 31-1/16
Outdoor Unit	(Uncrated)	30-23/32 x 37 x 13-3/8
	(Crated)	34-31/32 x 39-31/32 x 16-3/32

Weight

		Indoor	Outdoor
Net	(lbs.)	84	143
Shipping	(lbs.)	97	161
Shipping Volume	(cu.ft.)	14.8	13.0

Performance Data @ ARI Standard Conditions (115V)

Cooling

Total Capacity	(BTU/H)	31,200 (9,500-31,200)
Sensible Capacity	(BTU/H)	19,800
Latent Capacity	(BTU/H)	11,400
SEER		15.1
Dehumidification	(Pints/H)	10.0
Amps	(A)	18.2/20.1
Power Inputs	(W)	3,840/3,840
Outdoor Sound Rating	(dB-A)	52

Heating

Total Capacity	(BTU/H)	37,400 (8,000-37,400)
HSPF		9.6

Dimensions

Amps	(A)	15.6/17.3	Option	
Max. Amps	(A)	15.6/17.3	Refrigerant Line Set	Available
Power Inputs	(W)	3,250/3,250	Fresh Air Intake	Knock out
Back-up Strip Heater	(KW)	0.00/0.00	Air duct Extension	N/A
Outdoor Sounds Rating	(dB-A)	52	Indoor Frame Extension	N/A

Feature

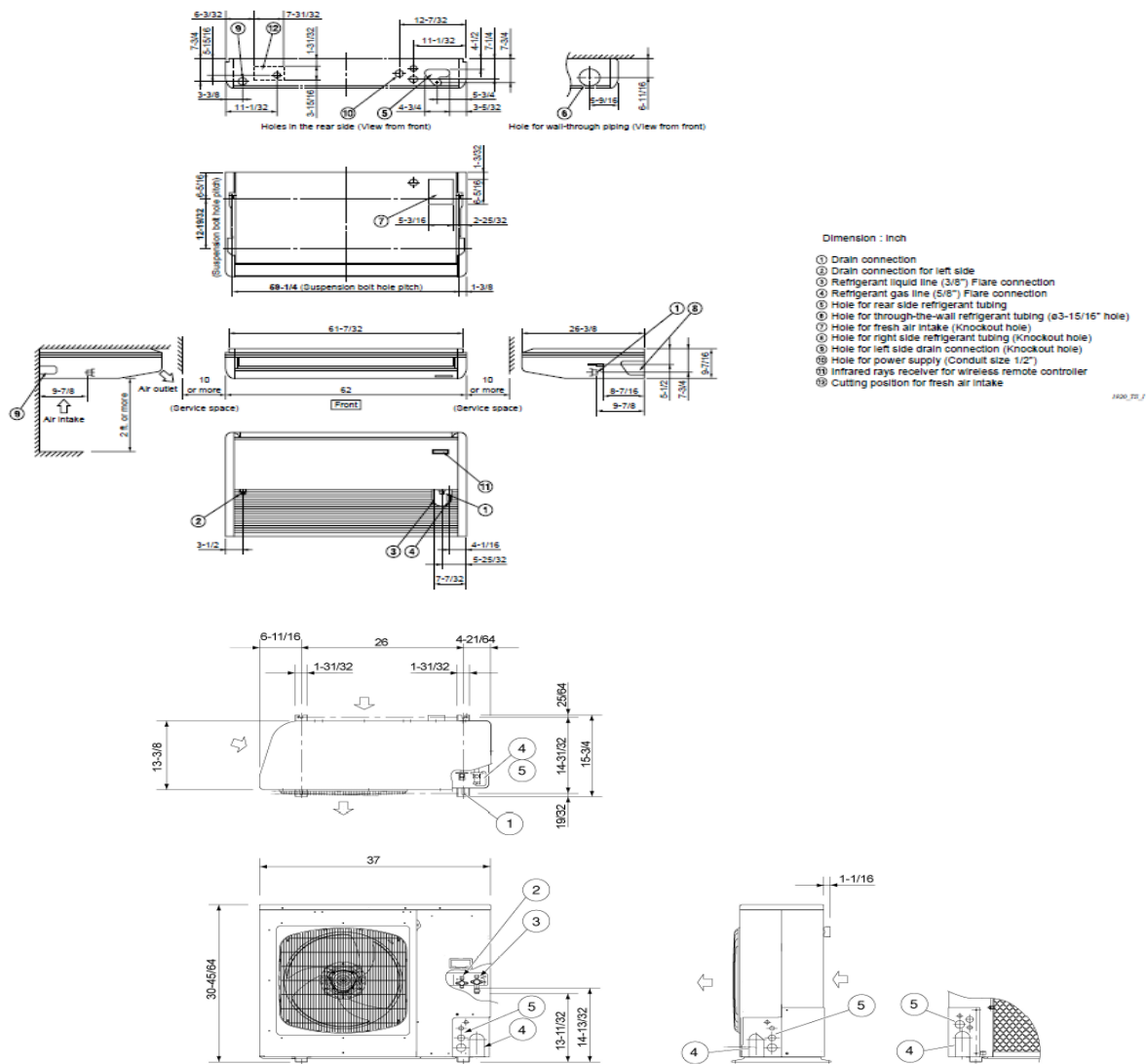
Controls	Microprocessor
Remote Controller	LCD Wired Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	72 Hour ON/OFF
Night Setback	Built-In
Air Louver	(Horizontal) Manual
	(Vertical) Automatic
Power Failure Automatic Restart	Built-In
Heating/Cooling Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	Washable, Anti-Mold

Option

Refrigerant Line Set	Available
Fresh Air Intake	Knock out
Air duct Extension	N/A
Indoor Frame Extension	N/A
Condensate Drain Pump	Available
Non-Removeable Remo-con Bracket	Available

Operating Range

		Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95F DB/71F WB	115F DB
	Minimum	67F DB/57F WB	0F DB
Heating	Maximum	80F DB/67F WB	75F DB/65F WB
	Minimum	-DB/-WB	5F DB



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- ① Hole for anchor bolt (4-R6.5) / Anchor bolt: M10
- ② Refrigerant tube joint (liquid line tube) • Flare connection 3/8 in (9.52 mm)
- ③ Refrigerant tube joint (gas line tube) • Flare connection 5/8 in (15.88 mm)
- ④ Refrigerant tubing inlet (knock-out hole)
- ⑤ Power supply inlet (knock-out hole ø38, ø29, ø19, ø16 mm)

Dimension : inch

